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PATENT APPLICATION  
ATTORNEY DOCKET NO. 10021004  
AGS-00101

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Dean R. Thompson, et al.

Serial No.:

Examiner:

Filing Date: June 24, 2003

Group Art Unit:

Title: METHODS AND DEVICES FOR IDENTIFYING RELATED IONS FROM CHROMATOGRAPHIC  
MASS SPECTRAL DATASETS CONTAINING OVERLAPPING COMPONENTS

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 processing fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (\*) were disclosed in Patent Application No. \_\_\_\_\_ filed \_\_\_\_\_, now U. S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: June 24, 2003

Typed Name: Tracey Newell

Signature: 

Respectfully submitted,

Dean R. Thompson, et al.

By 

Anne E. Saturnelli

Attorney/Agent for Applicant(s)  
Reg. No. 41,290

Date: June 24, 2003

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	10021004 / AGS-00101	
	APPLICANT	
	Dean R. Thompson, et al.	
	FILING DATE	GROUP
	June 24, 2003	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		4,353,242	Oct. 12, 1982	Joel M. Harris, et al.
		5,175,430	Dec. 29, 1992	Christie G. Enke, et al.
		5,453,613	Sep. 26, 1995	Zachary A. Gray, et al.
		5,672,869	Sep. 30, 1997	Willem Windig, et al.
		6,524,803	Feb. 25, 2003	Gregor T. Overney, et al.

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	U.S. Patent Application Publication, Publication No. US 2002/0053545 dated May 9, 2002, by Jan van der Greef
	U.S. Patent Application Publication, Publication No. US 2002/0063208 dated May 30, 2002, by Curtis Hastings
✓	Windowed mass selection method: a new data processing algorithm for liquid chromatography-mass spectrometry data by Cliona M. Fleming, Bruce R. Kowalski, Alex Apffel and William S. Hancock
EXAMINER	DATE CONSIDERED

\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

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					YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Accurate Mass Multiplexed Tandem Mass Spectrometry for High-Throughput Polypeptide Identification from Mixtures by Christophe Masselon, Gordon A. Anderson, Richard Harkewicz, James E. Bruce, Ljiljana Pasa-Tolic and Richard D. Smith
	High-Throughput Peptide Identification from Protein Digests Using Data-Dependent Multiplexed Tandem FTICR Mass Spectrometry Coupled with Capillary Liquid Chromatography by Lingjun Li, Christophe D. Masselon, Gordon A. Anderson, Ljiljana Pasa-Tolic, Sang-Won Lee, Yufeng Shen, Rui Zhao, Mary S. Lipton, Thomas P. Conrads, Nikola Tolic and Richard D. Smith
EXAMINER	DATE CONSIDERED

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